| In | de | X | οf | CI | air | ns |  |
|----|----|---|----|----|-----|----|--|
|    |    |   |    |    |     |    |  |

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 10/764,252      | WANG, YANG   |  |
| Examiner        | Art Unit     |  |

| <b>√</b> | Rejected |  |
|----------|----------|--|
| 11       | Allowed  |  |

| _ | (Through numeral)<br>Cancelled |
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| ſ |   | Interference |

David A Vanore

| A | Appeal   |
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|-----------|---|----------|--------------|---------------|--------------|--|----------|----------|----------|-----------------|
|           |   | _        |              |               |              |  |          |          |          |                 |
| Cla       | aim   | -        | _            | ,—            | ,[           | Date   | 2        |          |          | $\dashv$        |
| _         | Original  | 1/2      |              |               |              |  |          |          |          |                 |
| Final     | <u> </u>  | 2,009    |              |               |              |  |          |          |          |                 |
| _         | ō   | 14.      |              |               |              |  |          |          |          |                 |
|           | 1   | بد       |              | -             | -            | Н  |          |          |          | $\vdash$        |
|           | 2   |          |              |               |              |  |          |          |          |                 |
|           | 3   |          |              |               |              |  |          |          |          |                 |
|           | 4   | 1        | _            | _             | _            |  |          |          |          | Щ               |
|           | 5   | 7-       |              | -             |              |  |          |          |          | $\vdash$        |
| <b></b> . | 7   | ÷        | _            | ┝             | -            | _  | _        | $\vdash$ | -        | Н               |
|           | 8   | Ť        | -            |               | -            | $\vdash$   | -        | Н        | $\vdash$ | $\vdash$        |
|           | 9   | H        | <u> </u>     | _             |              |  |          |          |          | H               |
|           | 10  |          |              |               |              |  |          |          |          | П               |
|           | 11  | П        |              |               |              |  |          |          |          |                 |
|           | 12  | Ш        | _            | _             |              | _  | _        |          |          | Щ               |
|           | 13  | H        | _            | _             | ļ            | -  | _        | H        |          | Щ               |
| <u> </u>  | 15  | <u> </u> | _            |               | -            |  | -        | <u> </u> | $\vdash$ | $\vdash \vdash$ |
|           | 16  | =        | -            | -             | -            | -  | Н        |          | H        | $\vdash$        |
|           | 17  | ÷        | $\vdash$     |               |              | $\vdash$   | -        |          |          | Н               |
|           | 18  | Ť        |              |               |              |  |          |          |          | П               |
|           | 19  | П        |              |               |              |  |          |          |          |                 |
|           | 20  | Ш        | _            |               |              | <u> </u>   |          |          | L.       | Щ               |
|           | 21  | $\sqcup$ | _            |               | _            | _  |          | _        | _        | Щ               |
| <u> </u>  | 22  | Н        | _            |               |              |  |          |          | _        | Н               |
| <u> </u>  | 23  | Н        | <del> </del> |               | -            |  |          |          | -        | Н               |
|           | 25  | H        |              |               |              |  |          |          |          | H               |
|           | 26  | ÷        |              |               |              |  |          |          |          |                 |
|           | X   |          |              |               |              |  |          |          |          |                 |
| <u> </u>  | 388   | _        | <u> </u>     | _             | _            | _  |          | _        | _        | Ш               |
|           | 29  | 7        | _            |               | _            |  |          | _        | _        | Щ               |
|           | 30  |          | -            | -             | _            | _  | -        | _        | -        | Н               |
|           | 39  | -        | -            |               | $\vdash$     |  |          | _        | $\vdash$ | Н               |
| <u> </u>  | 1<br>2<br>3<br>4<br>5<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>33<br>33<br>33<br>33<br>35<br>35<br>35<br>36<br>36<br>37<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38 | Ş.       | -            |               | Т            | Н  | Н        | _        | _        | H               |
|           | 34  | 11-11    |              |               |              |  |          |          |          |                 |
|           | 35  | ÷        |              |               |              |  |          |          |          |                 |
|           | 33  | _        | <u> </u>     | _             | _            | _  |          |          |          | Ш               |
|           | 37  | 壭        | -            | -             | _            | L  |          | _        | _        | $\vdash \vdash$ |
|           | 38<br>39  | <u>:</u> | -            | ⊢             | <del> </del> | <u> </u>   | _        | <u> </u> | -        | $\vdash\vdash$  |
| <u> </u>  | 39<br>4Q  | +        | -            | -             | -            | -  | Н        |          | $\vdash$ | Н               |
|           | 41  | ÷        | $\vdash$     | $\vdash$      |              | $\vdash$   |          |          |          | H               |
|           | 42  | I        |              |               |              |  |          |          |          |                 |
|           | 43  | $\prod$  |              |               |              |  |          |          |          |                 |
| <u> </u>  | 44  | 7        | <u> </u>     |               | <u> </u>     |  |          | ļ        | L        | $\sqcup$        |
| <u> </u>  | 45  | ÷        | <u> </u>     | -             | <u> </u>     | _  | _        |          | <u> </u> | $\vdash$        |
| <u> </u>  | 48.<br>47   | ÷        |              | <u> </u>      | ┡            |  | <u> </u> | <u> </u> | -        | $\vdash$        |
| <u> </u>  | 48  | Ť        | ⊢            | <del> -</del> | ┝            | <del>                                     </del> |          | _        | ┢        | Н               |
| <u> </u>  | 49  | H        | $\vdash$     | $\vdash$      | $\vdash$     | <u> </u>   | _        | _        | $\vdash$ | Н               |
|           | 50  | <u> </u> | <u> </u>     |               |              | _  | $\vdash$ | $\vdash$ | $\vdash$ | Н               |

| Cla          | im             |   | _        |   |  | Date     | •        | _  |   |          |
|--------------|----------------|---|----------|---|--|----------|----------|--|---|----------|
|              | _              |   |          |   |  |          |          |  |   |          |
| <del> </del> | Original       | 12/18/21  |          |   |  |          |          |  |   |          |
| Final        | <u> </u>       | 3   |          |   |  |          |          |  |   |          |
| u            | lā             | 2   |          |   |  |          |          |  |   |          |
|              |                |   |          |   |  |          |          |  |   |          |
|              | 51             | ÷.  |          |   |  |          |          |  |   |          |
|              | 52             | 1   |          |   |  |          |          |  |   |          |
| -            | 52             | н   |          |   |  |          |          |  | $\vdash$  | _        |
|              | 5.4            | Н   | _        | -   |  |          |          | _  | _   | _        |
| <u> </u>     | 53<br>54<br>55 | ш   |          |   |  |          |          |  | $\vdash$  | _        |
|              | 55             | ÷   |          |   |  |          |          |  |   |          |
|              | 56<br>57       |   |          |   |  |          |          |  |   |          |
|              | 57             |   |          |   |  |          |          |  |   |          |
|              | 58             | Н   |          |   |  |          | _        |  | $\vdash$  | _        |
| <b></b>      | 50             |   | _        | -   | Н  | -        | _        | -  | -   | -        |
|              | 59             | ٠.  |          | _   |  | _        | _        | _  | -   | _        |
|              | 60             | Ш   |          |   |  |          |          |  | _   |          |
|              | 61             | Ш   |          |   |  |          |          |  |   |          |
|              | 62<br>63       | T   |          |   |  |          |          |  |   |          |
|              | 63             | П   |          |   |  |          |          |  |   |          |
|              | 64             | Н   |          | т   | т  |          | _        | -  | $\vdash$  | _        |
| -            | GE.            | Н   |          |   |  |          |          |  | -   | -        |
| $\vdash$     | 65             | Ш   | Щ        | <u> </u>  | Ш  | Щ        | _        | _  | _   | -        |
|              | 66             | Ш   |          |   |  |          |          |  |   |          |
| L            | 67             | بد  |          |   |  |          |          |  |   |          |
|              | 68             |   |          |   |  |          |          |  |   |          |
|              | 69             |   |          |   |  |          |          |  |   |          |
| -            | 70             | Н   |          |   |  |          |          |  | $\vdash$  |          |
| <u> </u>     | 70<br>71       | Н   |          |   |  |          | _        |  | $\vdash$  | _        |
|              | /1             | Ш   |          |   |  |          |          |  |   | _        |
|              | 72             |   |          |   |  |          |          |  |   |          |
|              | 72<br>73<br>74 |   |          |   |  |          |          |  |   |          |
|              | 74             |   |          |   |  |          |          |  |   |          |
|              | 75             |   |          |   |  |          |          |  |   |          |
| -            | 75<br>76       | Н   |          | $\vdash$  |  |          |          |  | $\vdash$  | _        |
| -            | /0             | Н   |          | _   |  |          | _        | $\vdash$   | $\vdash$  |          |
| L            | 77             | Щ   |          |   |  |          |          |  | $\Box$  |          |
|              | 78<br>79       |   |          |   |  |          |          |  |   |          |
|              | 79             |   |          |   |  |          |          |  |   |          |
|              | 80             |   |          |   |  |          |          |  |   |          |
|              | 81             | $\vdash$  | _        | $\vdash$  | _  | _        |          | Н  | $\vdash$  | -        |
| -            | 82             | Н   |          | $\vdash$  | $\vdash$   | -        | -        | $\vdash$   | $\vdash$  | $\vdash$ |
|              | 02             | Н   | _        | $\vdash$  | -  |          |          | $\vdash$   | _   | <u> </u> |
|              | 83             | Ш   |          | <u>L</u> .  |  |          |          |  | _   | L        |
| L_           | 84             | L   |          | L   |  |          |          |  |   | L        |
|              | 85             |   |          |   |  |          |          |  |   |          |
|              | 86             |   |          | _   |  |          | $\neg$   | _  |   |          |
| <b>—</b>     | 86<br>87       | -   | -        |   | $\vdash$   | -        | -        | _  | $\vdash$  | _        |
| <b>—</b>     | 37             | -   |          | <del> </del>  | -  |          | -        | <u> </u>   | -   | <u> </u> |
| -            | 88             | $\vdash$  |          | <u> </u>  | _  | _        | <u> </u> | <u> </u>   | <u> </u>  | <u> </u> |
|              | 89             | $ldsymbol{ld}}}}}}$ |          | $ldsymbol{ld}}}}}}$ |  |          |          |  | $ldsymbol{le}}}}}}$ |          |
|              | 90             |   |          | L   |  |          | LĪ       | L  |   | L        |
|              | 91             |   |          |   |  |          |          |  |   |          |
|              | 92             |   |          | <u> </u>  |  |          | _        | $\vdash$   |   | Ι        |
|              | 93             | $\vdash$  |          | $\vdash$  | ┢  | -        | Ι        | <del>                                     </del> | $\vdash$  | $\vdash$ |
| -            |                |   |          | -   | -  | Н,       | -        | -  | $\vdash$  | $\vdash$ |
| <u> </u>     | 94             | $\vdash$  | $\vdash$ | <u> </u>  | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>  | <u> </u> |
|              | 95             |   |          | <u></u>   | L  |          |          | L  | L   | _        |
| L            | 96             | LĪ  | LÌ       | L   | L  | LÌ       | L        | L  | LĪ  | L        |
|              | 97             |   |          |   |  |          |          |  |   |          |
|              | 98             |   | Н        | <del>                                     </del>  | $\vdash$   | Т        | $\vdash$ |  | $\vdash$  | $\vdash$ |
| <u> </u>     | 99             | $\vdash$  | $\vdash$ | $\vdash$  | <del>                                     </del> | -        | $\vdash$ | $\vdash$   | -   | $\vdash$ |
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| 1            | 100            | 1   | 1        | 1   | ı  | 1        | ľ        | ı  |   |          |

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|-------|--|----------|----------|----------|--------------|--------------|----------|----------|----------|-----------------|
| Cli   | aim  | Date     |          |          |              |              |          |          |          |                 |
| Final | Original   |          |          |          |              |              |          |          |          |                 |
|       | 101  |          |          |          |              |              |          |          |          |                 |
|       | 102<br>103   |          |          |          |              |              |          |          |          |                 |
|       | 103  |          |          |          | _            | L            |          |          |          | Ш               |
|       | 104<br>105   |          |          |          |              |              |          |          |          | Ц               |
|       | 105  |          |          |          | _            | L            |          |          |          |                 |
|       | 106  | _        |          |          | _            | <u> </u>     |          |          |          |                 |
|       | 107<br>108   | $\vdash$ |          |          |              | -            |          |          |          | $\dashv$        |
|       | 108  |          |          |          | <u> </u>     |              |          |          |          | $\dashv$        |
|       | 110  |          |          |          | _            | $\vdash$     |          | Н        |          | $\dashv$        |
|       | 110<br>111<br>112<br>113<br>114<br>115<br>116        |          | _        | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | Н        | Н        | $\vdash$        |
|       | 112  | $\vdash$ | _        | -        | $\vdash$     | H            | $\vdash$ | H        |          | $\vdash$        |
|       | 113  |          |          |          |              | $\vdash$     |          | Н        |          | $\Box$          |
|       | 114  | $\Box$   |          |          |              | Г            |          | П        |          | П               |
|       | 115  |          |          |          |              |              |          |          |          |                 |
|       | 116  |          |          |          |              |              |          |          |          |                 |
|       | 117  |          |          |          |              |              |          |          |          |                 |
|       | 118<br>119   |          |          |          |              |              |          |          |          |                 |
|       | 119  | Ш        |          |          |              |              |          |          |          | $\Box$          |
|       | 120  | Щ        |          |          |              |              |          |          |          |                 |
|       | 121  |          |          | _        | _            | _            |          | _        |          | Щ               |
|       | 122  |          |          | _        |              | _            |          |          |          | Н               |
|       | 123  |          |          | _        |              | -            | <u> </u> |          |          | -               |
|       | 124  | -        |          |          | -            | -            | -        |          |          | -               |
|       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128 | H        |          |          | <del> </del> | -            | -        |          |          | $\dashv$        |
|       | 127  | $\vdash$ |          |          | $\vdash$     |              | ┢─       |          |          | $\dashv$        |
|       | 128  |          |          |          | $\vdash$     | <u> </u>     | ├─       |          |          |                 |
|       | 129<br>130<br>131<br>132                             |          |          |          | $\vdash$     | Т            | _        |          |          | Н               |
|       | 130  |          |          |          |              | $\vdash$     |          |          |          |                 |
| -     | 131  |          |          |          |              |              |          |          |          | $\Box$          |
|       | 132  |          |          |          |              |              |          |          |          |                 |
|       | 1 133  |          |          |          |              |              |          |          |          |                 |
|       | 134<br>135   | $\Box$   |          |          |              | <u> </u>     |          |          |          | Ш               |
|       | 135  | _        |          |          | <u> </u>     | <u> </u>     | <u> </u> | _        |          | $\square$       |
|       | 136  | _        | _        |          | <u> </u>     | <u> </u>     | H        | $\vdash$ | _        | Ш               |
|       | 137<br>138   | -        | -        | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> |          | <u> </u> | $\vdash \vdash$ |
|       | 138  | $\vdash$ | H        | <u> </u> | $\vdash$     | $\vdash$     | <u> </u> | <u> </u> | -        | $\vdash\vdash$  |
|       | 4 40   | $\vdash$ |          |          | $\vdash$     | $\vdash$     | $\vdash$ |          | -        | $\vdash \vdash$ |
|       | 141  | -        | -        | _        | $\vdash$     | $\vdash$     | $\vdash$ | H        |          | Н               |
|       | 142  | $\vdash$ | -        | $\vdash$ | $\vdash$     | <del> </del> | $\vdash$ | $\vdash$ | Н        | $\vdash$        |
|       | 143  | Т        |          | ┢        | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ |          | $\vdash$        |
|       | 144  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | _            | $\vdash$ |          | _        | $\vdash$        |
|       | 145  |          |          |          |              | Ι.           |          |          | _        | $\Box$          |
|       | 146  |          |          |          |              |              |          |          |          |                 |
|       | 147  |          |          |          |              |              |          |          |          |                 |
|       | 148  |          |          |          |              |              |          |          |          |                 |
|       | 149  | L        | L        |          | L            | _            |          | Ш        |          | Ш               |
|       | 150  |          |          |          |              |              |          |          |          |                 |